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(54) **METHOD AND APPARATUS FOR VEHICLE NAVIGATION AND SYSTEM**

(57) The disclosure discloses a method and an apparatus for vehicle navigation, a device, a system and a cloud control platform. The detailed implementation includes: receiving (302), by a remote control server, a plurality of pieces of first roadside related information encoded in a predetermined format, in which the first roadside related information at least includes position information of a road and driving related information related to the road; generating (304) second roadside related

information according to the plurality of pieces of first roadside related information; and sending (306) the second roadside related information to a navigation function entity, in which the second roadside related information is configured for configuration of vehicle navigation information on the navigation function entity. The technical solution of the present disclosure improves connections between the vehicle, the road and the cloud, and improves safety and traffic efficiency of vehicle driving.

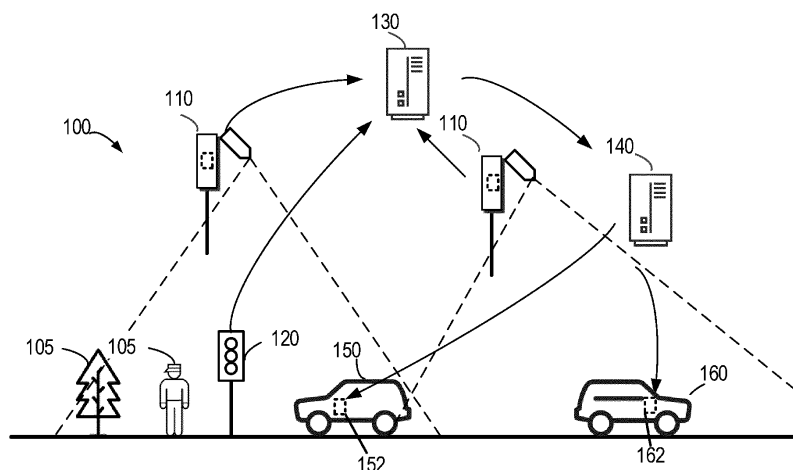


FIG. 1



## EUROPEAN SEARCH REPORT

Application Number

EP 21 19 9082

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EPO FORM 1503 03.82 (P04C01)

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	<b>EP 2 871 626 B1 (HERE GLOBAL BV [NL])</b> <b>8 August 2018 (2018-08-08)</b> * abstract; figures 1-7 * * paragraph [0002] - paragraph [0003] * * paragraphs [0010], [0013] * * paragraph [0016] - paragraph [0028] * * paragraph [0062] - paragraph [0063] * * paragraph [0067] - paragraph [0079] * * paragraph [0084] - paragraph [0087] * -----	1-15	<b>INV.</b> <b>G08G1/01</b> <b>G08G1/04</b> <b>G01C21/36</b> <b>G01C21/32</b> <b>G01C21/00</b>
A	<b>US 2020/183416 A1 (CHENG HONG [US] ET AL)</b> <b>11 June 2020 (2020-06-11)</b> * abstract; figures 1-7, 9-10 * * paragraphs [0032], [0035] - paragraph [0037] * * paragraph [0040] - paragraph [0041] * * paragraph [0048] - paragraph [0061] * * paragraph [0078] - paragraphs [0088], [0104] * * paragraph [0127] - paragraph [0132] * -----	1-15	
A	<b>US 2019/392712 A1 (RAN BIN [US] ET AL)</b> <b>26 December 2019 (2019-12-26)</b> * abstract; figures 16-17, 21-22, 24, 30-32 * * paragraphs [0006], [0008] * * paragraph [0017] - paragraph [0019] * * paragraph [0027] - paragraph [0037] * * paragraphs [0048], [0108], [0110] - paragraph [0111] * * paragraphs [0113], [0119] - paragraph [0121] * -----	1-15	<b>TECHNICAL FIELDS SEARCHED (IPC)</b> <b>G08G</b>
<b>1</b> The present search report has been drawn up for all claims			
Place of search <b>The Hague</b>		Date of completion of the search <b>14 February 2022</b>	Examiner <b>Fiorenzo Catalano, M</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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14-02-2022

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